

INFORMATION TECHNOLOGY PROCESS WORKFLOW FOR DATA CENTERS

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ABSTRACT OF THE DISCLOSURE

10 A method, system, computer system, and computer program product that use
application requirements, business priorities, and compatibility and dependency among
applications to allocate resources among those applications in a clustering environment. A
workload policy engine is aware of the resources available within each cluster, as well as the
capacities of those resources. Multiple instances of the workload policy engine can be run in
15 different clusters. The workload policy engine can be used in conjunction with disaster
recovery products as well as with provisioning software so that new machines can be
provisioned in and out of a cluster dynamically, such as in a blade environment.
Furthermore, the workload policy engine can be used in conjunction with dynamic
repartitioning capabilities provided by different hardware platforms for large computer
20 systems, as well as with performance monitoring software.